

DUBANSKY, B.; DOUBRAVA, O.; SVOBODA, M.; VYHNANKOVA, M.

Effect of chlorpromazine on the central nervous system. Cesk. fysiол.
6 no.3:435-442 Aug 57.

1. Neurologické oddělení OUNZ., Prostějov, Neurologická klinika PU,
Olomouc.

(CHLORPROMAZINE, effects,
on CNS, review (Cz))

(CENTRAL NERVOUS SYSTEM, effect of drugs on,
chlorpromazine, review (Cz))

DUBANSKY, B.; KOLARIK, M.; RUZICKOVA, R.; SEVCIK, M.; VYHNANKOVA, M.

Effect of psilocylin on the clinical and electroencephalographic picture in organic CNS lesions. *Activ. nerv. sup.* 5 no.2: 213-214 My '63.

1. Laborator VNC lekarske fakulty PU, Olomouc.
(INDOLES) (HALLUCINOGENS) (ELECTROENCEPHALOGRAPHY)
(CENTRAL NERVOUS SYSTEM) (DISEASES)

RUZICKOVA,R.; VYHNANKOVA,M.; BILY,D.

Clinical and experimental examination of chronic schizophrenics with speech disorders. Activ. nerv. sup. 6 no.1:77-78 '64.

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L 43009-66

ACC NR: AP6031814

SOURCE CODE: CZ/0083/65/000/005/0298/0302

AUTHOR: Ruzickova, R.—Ruzhichkova, R.; Bilyy, D.—Bily, D.; Vyhnankova, M.—Vygnankova, M.

ORG: Laboratory of Higher Nervous Activity, Medical Faculty, Palacky University, Olomouc (Laborator vyssi nervove cinnosti lekarske fakulty PU); Mental Hospital, Havlickuv Brod (Psychiatricka lecebna)

TITLE: Clinical and experimental studies of chronic ²²schizophrenics with speech disorders. Part I. Clinical aspects [This paper was presented at the 2nd Interdepartmental Conference "Physiology, Pathology and Hygiene of Higher Nervous Activity" held in Luhacovice on 11 October. 1963.]

SOURCE: Ceskoslovenska psychiatrie, no. 5, 1965, 298-302

TOPIC TAGS: psychoneurotic disorder, behavior pattern, psychology, psychiatry

ABSTRACT: Study of 20 schizophrenic patients with speech disorders, including 10 men and 10 women, average age 51, compared with 10 aphasic patients. Two different types of confabulatory neologism production were identified in the schizophrenics and are described in detail, with two typical examples in one male and one female patient. [Based on authors' Eng. abst.] [JPRS: 33,500]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 001 / SOV REF: 001
OTH REF: 014

Card 1/1 MLP

0919 0362

L 29520-66 RO

ACC NR: AP6020022

SOURCE CODE: CZ/0079/65/007/003/0307/0307

AUTHOR: Dubansky, B. (Olomouc); Vyhnanekova, M.

ORG: Laboratory of Higher Nervous Activity, Palacky University, Olomouc

TITLE: Pathological laughter as manifestation of the psychotomimetic action of psilocybin [This paper was presented at the 7th Annual Psychopharmacological Meeting, Jesenik, 20-23 January 1965.]

SOURCE: Activitas nervosa superior, v. 7, no. 3, 1965, 307

TOPIC TAGS: brain, injury, behavior pattern, drug treatment

ABSTRACT: Experiments were conducted on 7 healthy subjects and 47 patients with organic brain damage of different kinds and localizations. It seems that laughter after psilocybin is used is similar in character to laughter caused by organic brain damage. Irritation and liberation of motor subcortical structures and systems participate in the motor and mimetic pattern of laughter. The liberation from depressing subcortical influences in the case of the psychomimetic action of psilocybin is purely functional and fully reversible. [Orig. art. in Eng.] [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 001

Card 1/1 JS

1/1

CZECHOSLOVAKIA

RUZICKOVA, R.; BILY, D.; VYHNANEK, M.; Laboratory of Higher Nervous Activity, Medical Faculty, Palacky University (Laborator Vyssi Nervove Cinnosti Lekarske Fakulty PU), Olomouc; Psychiatric Hospital (Psychiatricka Lecebna), Havlickuv Brod.

"Clinical and Experimental Examination of Patients with Chronic Schizophrenia and Speech Disturbances. II. Experimental Part."

Prague, Ceskoslovenska Psychiatrie, Vol 62, No 6, Dec 66, pp 374 - 385

Abstract [Authors' English summary modified]: A group of 20 schizophrenics was compared to a group of 20 aphasics by means of Kraepelin's definition of schizophasia. It appeared that schizophasia was the terminal stage of schizophrenia, most frequently its paranoid form. The first attack is usually very sudden with speech incoherence and recurring catatonic traits. The importance of the premorbid level of intelligence is evaluated. Substantial differences between the schizophrenics and the aphasics were found in all criteria used, such as language and association experiments. The schizophrenic group did not show disturbed phatic functions. 8 Tables, 2 Western, 6 Czech, 1/1 9 Russian, 1 East German reference. (Ms. rec. 22 Sep 64).

CZECHOSLOVAKIA

DUBANSKY, B.; VYHNANKOVA, M.; Laboratory of Higher Nervous Activity, Palacky University, Olomouc. [Original version not given].

"Akinesia and Mutism Manifested After Administration of Psilocybin in Organic Brain Damage."

Prague, Activitas Nervosa Superior, Vol 8, No 4, Nov 66, pp 347 - 348

Abstract: The effect of a dose of 0.14-0.16 mg of Psilocybin on psychomotor activity was investigated in 102 patients with organic brain lesion of different etiology and localization. Results were compared to those obtained on 10 healthy subjects. Light psychomotor depression was found in 4 healthy and 13 sick subjects; psychomotor inhibition was found in 4 healthy and 21 sick subjects; predominating psychomotor hyperactivity in 1 healthy and 12 sick patients; without any psychomotor reaction were 8 patients and 1 healthy subject. In 12 patients with brain damage a very strong inhibition occurred, in 3 with brain stem lesions akinetic mutism resulted. 2 Western, 4 Czech references. Submitted at the 8th Annual Psychopharmacological Meeting at Jesenik 18-22 Jan 66. Article is in English.

CZECHOSLOVAKIA

KOLARIK, M.; SEVSIK, M.; DUBANSKY, B.; VYHNANKOVA, H.; Laboratory of HNA, Olomouc. [Original version not given].

"Comparison of EEG Desynchronization and the Optical Hallucinogenic Affect of Psilocybin in Organic Brain Lesions."

Prague, Activitas Nervosa Superior, Vol 8, No 4, Nov 66, p 350

Abstract: Correlation of the psychomimetic, visual, hallucinogenic, and EEG desynchronizing effect of psilocybin with the location of the brain lesion was investigated in 51 patients with organic brain damage of various etiology and location. Desynchronization was observed in 100% of patients with parietal lesions, in 90% with frontal, 75% with temporal, and 33.3% with occipital. Patients with occipital lesions showed a suppression of the EEG blocking response in 66.6%, and a response-suppression to photostimulation in 44.5% following Ps administration. 4 Western, 1 Czech reference. Submitted at the 8th Annual Psychopharmacological Meeting at Jesenik, 18 - 22 Jan 66. Article is in English.

1/1

VYKHODTSEV, I.V.

VYKHODTSEV, I.V.

Forage flora of Kirghizia (geobotanical and florogenetic survey):

Wild grasses of Kurghizia. Trudy Biol. inst. Kir FAN SSSR no. 1: 59-

110 '47.

(MIRA 8:10)

(Kirghizistan--Grasses)

ARBAYEVA, Zaynep; VYKHODTSEV, I.V., otv. red.; KOVAL'CHUK, V.V.,
red. izd-va; POPOVA, M.G., tekhn. red.

[Vegetation of the Acha-Tash and Boor-Albas Ranges
(Central Tien Shan)] Rastitel'nost' khrebtov Acha-Tash i
Boor-Albas (TSentral'nyi Tian(-Shan')). Frunze, Izd-vo
AN Kirg.SSR, 1963. 81 p. (MIRA 17:1)

VYJIDAK, O., inz.; HERRMANN, L., dr., inz.

Testing materials for making instrument pinions. Jemna mech opt
7 no.10:314-317 0 '62.

1. Vyskumny ustav svaracsky, Bratislava.

VYJIDAK, O., inz.

A new type of tachometer. Tech praca 14 no.8:619-620 Ag '62.

1. VYKALOVICH, M.P.
 2. USSR (600)
 4. Technology
 7. Technical thermodynamics, Moskva, Gosenergoizdat, 1952
9. Monthly List of Russian Accessions, Library of Congress, March, 1953. Unclassified.

VYKHANDU, L.K.

VYKHANDU, L.K.: "On iteration methods of solving equations". Tartu, 1955.
Tartu State U. (Dissertations for the Degree of Candidate of Physicomathematical Sciences).

SO: Knizhnaya letopis' No 45, 5 November 1955. Moscow.

VYKHANDU, L. K. (Tartu)

"The Status of Biometry in Estonia"

report presented at the 3rd Conference on the use of Mathematics in Biology,
Leningrad University, 23-28 Jan 1961.

(Primeneniye matematicheskikh Metodov v Biologii. II, Leningrad, 1963, pp. 5-11

(Moscow Agricultural Academy imeni Timiryazev)

VYKHANDU, L.K. [Vokhannu, L.]

Teaching higher mathematics and biometry to biologists and physicians. Prin. mat. metod. v biol. no.3:3-5 '64.

Study of biological systems with many characters. Ibid.:19-22
(MIRA 17:11)

1. Tartuskiy universitet.

MAKKAVEYEV, N.I., prof.; LAPTEV, M.I.; MITYAKOVA, M.N.; KONDRAKHOVA, Ye.I.;
SHANKIN, P.A.; RZHANITSYN, N.A.; RABKOVA, Ye.K.; VYKHLOV, K.P.;
CHALOV, R.S.

[Planning the navigable channels of unregulated rivers.]
Proektirovaniye sudovykh khodov na svobodnykh rekakh. Moskva,
Transport, 1964. 261 p. (Moscow. Tsentral'nyi
nauchno-issledovatel'skii institut ekonomiki i ekspluatatsii
vodnogo transporta. Trudy, no. 36). (MIRA 18:12)

BLOSHANSKIY, Yu.M.; VANINA, L.V.; ~~VYKHLYAYEVA, Ye.M.~~ ZHMAKIN, Konstantin Nikolayevich, prof.; LOTIS, V.M.; MANUILOVA, I.A.; MOISEYENKO, M.D.; SYAO BI-LIAN' [Hsiao Pi-lien]; STRONGINA, T.N.; TRUYEVTSOVA, G.V.; SHAKHNOVSKAYA, V.V.; GARVEY, H.H., red.; NAVROTSKIY, O.G., tekhn. red.

[Physiology and pathology of the menstrual function] Fiziologiya i patologiya menstrual'noi funktsii. Otv. red. K.H. Zhmakin. Moskva, Pervyi Mosk. med. in-t, 1960. 174 p.
(MIRA 14:5)

1. Sotrudniki kafedry akusherstva i ginekologii 1-go Moskovskogo ordena Lenina Meditsinskogo instituta im. I.M. Secherova (for all except Garvey, Navrotskiy).
(MENSTRUATION)

VYKHODETS, D., slesar'; KUZ'MIN, L., slesar'; NAVARENKO, A. (Rubezhnoye);
KOROL', A., slesar' (Kostrcma); ZAYNULLIN, G. (Davlekanov,
Bashkirskaya ASSR); KVITSINIYA, E.

On friends and comrades. Sov. profsoiuzy 18 no.8:26-28 '62.

(MIRA 15:4)

1. Remontno-stroitel'nyy zavod imeni Dzerzhinskogo, g. Kiyev
(for Vykhodets).
2. 3-y mekhanicheskiy tsekh Chelyabinskogo
traktornogo zavoda (for Kuz'min).
3. Master smeny kombinata
proizvodstvennykh predpriyatiy Luganskoy oblasti (for Navarenko).
4. Profsoyuznyy organizator gurpp kompleksnoy brigady stroyuprav-
leniya No.1 g. Tbilisi (for Kvitsiniya).

(Labor and laboring classes) (Trade unions)

VYKHODOV, G. F., Cand Bio Sci -- "Certain characteristics of
the higher nervous activity ^{of} ~~in~~ children ~~of~~ school age."
Mos, 1961. (Acad Ped Sci RSFSR. Sci Res Inst of Physical
Ed and School Hyg) (KL, 8-61, 236)

- 139 -
~~- 138 -~~

ВЫХОДЫ, А.В.

Analysis of automatic light flux control devices in television motion picture transmission using a saturable reactor. Trudy
ucheb. inst. svyazi. no.16:135-146 '63. (MIRA 17:10)

1. Odesskiy elektrotekhnicheskii institut svyazi.

VIKHODOV, G.F.

Problem of opposing activity of the first and second signal systems.
Zhur.vys.nerv.deiat. 9 no.4:532-537 J1-Ag '59. (MIRA 12:12)

1. Kafedra anatomii i fiziologii cheloveka i zhivotnykh Yaroslavskogo
gosudarstvennogo pedagogicheskogo instituta im. K.D. Ushinskogo.
(REFLEX CONDITIONED)

VYKHODTSEV, A.A.

Cascade system for controlling a simple rectification column.
Nefteper. i neftekhim. no.1:41-43 '65. (MIRA 18:6)

1. Tumpinskiy neftepererabatyvayushchiy zavod.

ANTIPIN, V.I.; BUDANOV, N.D.; KOTLUKOV, V.A.; LEYBOSHITS, A.M.;
PROKHOROV, S.P., kand.geol.-miner.nauk; SIRMAN, A.P.;
FALOVSKIY, A.A.; SHTEYN, M.A.; BASKOV, Ye.A.; ECGATEKV,
Ye.A.; GANEYEVA, M.M.; ZARUBINSKIY, Ya.I.; IL'INA, Ye.V.;
KATSIYAYEV, S.K.; KOMPANIYETS, N.G.; NELYUBOV, L.P.;
PONOMAREV, A.I.; REZNICHENKO, V.T.; RULEV, N.A.; TSELIGOROVA,
A.I.; ALSTER, R.K.; SHVETSOV, P.F.; VYKHODTSEV, A.P.; KOTOVA,
A.I.; KASHKOVSKIY, G.N.; LOSEV, F.I.; ROMANOVSKAYA, L.I.;
PROKHOROV, S.P.; MATVEYEV, A.K., dots., retsenzent; CHEL'TSOV,
M.I., inzh., retsenzent; KUDASHOV, A.I., otv. red.; PETRYAKOVA,
Ye.P., red. izd-va; IL'INSKAYA, G.M., tekhn. red.

[State of flooding and conditions for the exploitation of coal-
bearing areas in the U.S.S.R.] Obvodnennost' i uslovia eksplu-
atatsii mestorozhdenii ugol'nykh raionov. Pod nauchn. red.
S.P.Prokhorova. Moskva, Gosgortekhnizdat, 1962. 243 p.

(MIRA 15:7)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut gidro-
geologii i inzhenernoy geologii. 2. Kafedra geologii i geo-
khimii goryuchikh iskopayemykh Moskovskogo Gosudarstvennogo
universiteta (for Matveyev).

(Coal geology) (Mine water)

BOL'SHAKOV, M.N.; VYKHODTSEV, I.V., doktor biol. nauk; NIKITINA, Ye.V., kand. biol. nauk; ZABIROV, R.D., kand. geogr. nauk; ISAYEV, D.I., kand. geogr. nauk; KASHIRIN, F.T.; KOROLEV, V.G., kand. geol.-miner. nauk; LUNIN, B.A., kand. geogr. nauk; MAMYTOV, A.M., akademik; OTORBAYEV, K.O., kand. geogr. nauk; RYAZANTSEVA, Z.A., kand. geogr. nauk, st. nauchn. sotr.; UMURZAKOV, S.U.; YANUSHEVICH, A.I.; BLAGOOBRAZOV, V.A., red.; BEYSHENOV, A., tekhn. red.

[The nature of Kirghizistan; brief characteristic of its physical geography] Priroda Kirgizii; kratkaia fiziko-geograficheskaya kharakteristika. Frunze, Kirgizskoe gos. izd-vo, 1962. 296 p. (MIRA 16:7)

1. Geograficheskoye obshchestvo SSSR. Kirgizskiy filial.
2. Zaveduyushchiy Otdelom geografii AN Kirgizskoy SSR, predsedatel' Kirgizskogo filiala Geograficheskogo obshchestva SSSR (for Otorbayev).
3. Dekan geograficheskogo fakul'teta Kirgizskogo gosudarstvennogo universiteta (for Umurzakov).
4. Zamestitel' direktora instituta geologii AN Kirgizskoy SSR (for Korolev).
5. Rukovoditel' sektora geomorfologii Otdela geografii AN Kirgizskoy SSR (for Isayev).
6. Chlen-korrespondent, zaveduyushchiy sektorom Instituta geologii AN Kirgizskoy SSR (for Kashirin).

(Continued on next card)

BOL'SHAKOV, M.N.---(continued). Card 2.

7. Direktor Tyan-Shan'skoy vysokogornoy fiziko-geograficheskoy stantsii Otdela geografii AN Kirgizskoy SSR (for Zabiroy).
 8. Otdel geografii AN Kirgizskoy SSR (for Ryazantseva).
 9. Chlen-korrespondent, direktor Instituta energetiki i vodnogo khozyaystva AN Kirgizskoy SSR (for Bol'shakov).
 10. Zaveduyushchiy Otdelom pochvovedeniya AN Kirgizskoy SSR (for Mamytov).
 11. Chlen-korrespondent, vitseprezident AN Kirgizskoy SSR (for Yanushevich).
 12. Zaveduyushchiy kafedroy fizicheskoy geografii Kirgizskogo gosudarstvennogo universiteta (for Lunin).
- (Kirghizistan--Physical geography)

NIKITINA, Ye.V.; AYDAROVA, R.A.; UBUKEYEVA, A.U.; FILATOVA, N.S.;
SUDNITEYNA, I.G.; TKACHENKO, V.I.; SHARASHOVA, V.S.;
KASHCHENKO, L.I.; SHPOTA, Ye.I.; VVEDENSKIY, A.I., nauchnyy
red.; VYKHODTSEV, I.V., oty. red.; SORONBAYEVA, N.V., red.
izd-va; ANOKHINA, M.G., tekhn. red.

[Flora of the Kirghiz S.S.R.; classification key of the plants
of the Kirghiz S.S.R.] Flora Kirgizskoi SSSR; opredelitel' ra-
stenii Kirgizskoi SSSR. Sost. E.V.Nikitina i dr. Nauchn. red.
A.I.Vvedenskiy. Frunze, Izd-vo Akad.nauk Kirgizskoi SSR.
Vol.10. [Families: Cuscutaceae, Polemoniaceae, Boraginaceae,
Verbenaceae, Scrophulariaceae, Bignoniaceae, Orobanchaceae,
Lentibulariaceae, Plantaginaceae, Rubiaceae, Caprifoliaceae,
Adoxaceae, Valerianaceae, Morinaceae, Dipsacaceae, Cucurbitaceae,
Campanulaceae, Lobeliaceae] Semeistva: Povilikovye, Siniukhovye,
Burachnikovye, Verbenovye, Norichnikovye, Bignonievye, Zarazi-
khovye, Puzyrchatkovye, Podorozhnikovye, Marenovye, Zhimolostnye,
Adoksovye, Valerianovye, Morinovye, Vorsiankovye, Tykvennye,
Kolokol'chikovye, Lobelievye. 1962. 387 p. (MIRA 15:9)
(Kirghizistan—Dicotyledons)

VYKHODTSEV, I. V.

Geobotanical regionalization of Kirghizistan. Izv. Kir. fil.
Geog. ob-va SSSR no.3:183-187 '62. (MIRA 15:10)

(Kirghizistan--Phytogeography)

POPOVA, Lidiya Ivanovna; VYKHODTSEV, I.V., otv. red.; SORONBAYEVA,
N.B., red. izd-va

[Seasonal dynamics of the development of principal phyto-
coenoses of the upper Naryn Syrts in the central Tien Shan]
Sezonnaya dinamika razvitiia osnovnykh fitotsenozov Verkhne-
Narynskikh syrtov Tsentral'nogo Tian'-Shania. Frunze, Izd-
vo AN Kirg.SSR, 1963. 106 p. (MIRA 17:4)

ZUBAREV, Fedor Pavlovich; VYKHODTSEV, I.V., prof., doktor biol.
nauk, otv. red.

[Apple trees of northern Kirghizistan and their varietal
identification; Issykul' Depression] IAbioni Severnoi Kir-
gizii i ikh opredelenie; Issyk-Kul'skaia kotlovina. Frunze,
Ak. Kirg.SSR, 1963. 314 p. (MIRA 17:4)

NIKITINA, Ye.V.; AYDAROVA, R.A.; DZHANAYEVA, V.M.; UBUKEYEVA, A.U.;
ARBAYEVA, Z.S.; SUDNITSYNA, I.G.; SULTANOVA, R.M.; CORBUNOVA,
N.V.; TKACHENKO, V.I.; PILATOVA, N.S.; CHERNEVA, O.V.;
VVEDENSKIY, A.I., nauchn. red.; VYKHODTSEV, I.V., otv. red.

[Flora of the Kirghiz S.S.R.; a guide to the plants of the
Kirghiz S.S.R.] Flora Kirgizskoi SSR; opredelitel' rastenii
Kirgizskoi SSR. Frunze, Ilim. Vol.11. 1965. 606 p.
(MIRA 18:11)

NIKITINA, Ye.V.; AYDAROVA, R.A.; KASHCHENKO, L.I.; UBUKHYEVA, A.U.;
POPOVA, L.I.; TKACHENKO, V.I.; GOLOVKOVA, A.G., SHPOTA, Ye.I.;
FILATOVA, N.S.; SHARASHOVA, V.S.; VYEDENSKIY, A.I., nauchnyy red.;
VYKHODTSEV, I.V., red.; ANOKHINA, M.G., tekhn.red.

[Flora of the Kirghiz S.S.R.; key to the plants of the Kirghiz
S.S.R.] Flora Kirgizskoi SSR; opredelitel' rastenii Kirgizskoi
SSR. Sost. E.V.Nikitina i dr. Nauchn.red. A.I.Vvedenskii. Frunze.
Izd-vo Akad.nauk Kirgizskoi SSR. Vol.8. [The carrot, dogwood, winter-
green, heath, primrose, leadwort, olive, gentian, dogbane, milkweed,
and morning-glory families] Semeistva: zontichnye, kizilovye, grushan-
kovye, vereskove, pervotsvetnye, svinchatkovye, maslinovye, gore-
chavkovye, kutrovye, lastovnyye, v'iunkovye. 1959. 222 p. Vol.9.
[The mint and nightshade families] Semeistva: gubotsvetnye i pasle-
novye. 1960. 213 p. (MIRA 13:7)
(Kirghizistan--Dicotyledons)

VYHNÁLEK, Z.

They established a self-help workshop. p. 326.

New models of Soviet automobiles. p. 328.

SVET MOTORU, Praha, Vol. 9, no. 11, May 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

VYKHODTSEV, I. V.

Science.

Wild growing vitamin containing plant life in Kirghizia. Frunze, Izd-vo Kirgizskogo filiala Akademii nauk SSSR 1947.

9. Monthly List of Russian Accessions, Library of Congress, August 1953~~2~~ Uncl.

VYKHODTSEV, I.V.

The problem of the feed supply in the Kirghiz S.S.R. and its solution.
Trudy Biol.inst. KirFAN SSSR no.4:5-20 '51. (MLRA 9:10)
(KIRGHIZISTAN--PASTURES AND MEADOWS)

VYKHODTSEV, I.V.

Utilizing the Alpine forage lands of the Kirghiz S.S.R. Trudy
Inst.bot. i rast. KirFAN SSSR.no.1:3-10 '54. (MLRA 10:1)
(Kirghizistan--Pastures and meadows)

VYKHODTSEV, I.V.; GUSAROVA, A.N.; POPOVA, L.I.; IONOV, R.N.; BAKALO, V.Ya.;
TSYBINA, Ye.V., tekhnicheskii redaktor

[Recommendation for grass seeding and irrigation of mountain
pastures in the Tien Shan and Issyk-Kul provinces and the Susamyr]
Rekomendatsii po vysokogornomu travoselaniu i orosheniiu pastbishch
v Tian'-Shan'skoi, Issyk-Kul'skoi oblastiakh i na Susamyre. Frunze,
1956. 11 p. (MLRA 9:9)

1. Akademiya nauk Kirgizskoy SSR, Frunze. Institut botaniki.
2. Institut botaniki i Institut vodnogo khozyaystva i energetiki
Akademii nauk Kirgizskoy SSR (for Vykhodtsev, Gusarova, Popova, Ionov,
Bakalo)

(Issyk Kul Province--Pastures and meadows)

(Tien Shan Province--Pastures and meadows)

VYKHODTSEV, I.V.; YEVYTUSHENKO, G.A., doktor biologicheskikh nauk,
otvetstvennyy redaktor; UTKINA, Z.I., redaktor izdatel'stva;
MAKUNI, Ye.V., tekhnicheskiy redaktor

[Vertical zonality of vegetation in Kirghizistan (Tien-Shan and
Alai). Vertikal'naya poiasnost' rastitel'nosti v Kirgizii (Tian'-
Shan' i Alai). Moskva, Izd-vo Akademii nauk SSSR, 1956. 82 p.
(Kirghizistan--Botany) (MLA 9:7)

VYKHODTSEV, I.V.; VASIL'CHENKO, I.T., doktor biologicheskikh nauk, professor,
~~glavnyy~~ glavnyy redaktor; PROTOPOPOV, G.F., redaktor; TSYBINA, Ye.V., tekhnicheskii redaktor

[Vegetation of pastures and hay fields of Kirghizistan] Rastitel'nost' pastbishch i senokosov Kirgizskoi SSR. Frunze, Akademiia nauk Kirgizskoi SSR, 1956. 336 p. (MLRA 10:1)
(Kirgizistan--Pastures and meadows)

PARLASHKEVICH, N.Ya.; VYKHODTSEV, I.A.; ZOLOTOW, B.D.

Automatic potentiometric control in the production of indo-o-toluidine.
Khim.prom.no.4:242-244 Je '56. (MLRA 9:10)
(Potentiometric analysis) (Toluidine) (Electrodes)

CHERNOGUBOV, F.V., nauchnyy sotrudnik; VYKHODTSEV, I.V., red.; ANOKHINA, M.G., tekhn.red.

[Provisional recommendations on the use of herbicides on meadows and pastures of Kirghizistan] Vremennye rekomendatsii po primeneniю gerbitsidov na senokosakh i pastbishchakh Kirgizskoi SSR. Frunze, 1959. 33 p. (MIRA 12:11)

1. Akademiya nauk Kirgizskoy SSR, Frunze. Institut botaniki.
2. Institut botaniki Akademii nauk Kirgizskoy SSR (for Chernogubov). (Kirghizistan--Pastures and meadows) (Herbicides)

POPOVA, L.I.; ASSORINA, I.A.; BAKALO, V.Ya.; VYKHODTSEV, I.V., red.;
ANOKHINA, M.G., tekhn.red.

[Recommendations for establishing meadows on the Dzhety-Oguz Upland of Kirghizistan] Kyrgyz SSRinin Zheti-Oguz raionunun syrtynda chop chabyndylardy tuzuu boluncha rekomendatsiia. Rekomendatsii po sozdaniiu senokosov na Dzhety-Oguzskikh syrtakh Kirgizskoi SSR. Frunze, Izd-vo Akad.nauk Kirg.SSR, 1959. 44 p. (MIRA 12:11)

1. Akademiya nauk Kirgizskoy SSR. Institut botaniki.
(Dzhety-Oguz District—Pastures and meadows)

IONOV, R.N.; VYKHODTSEV, I.V., red.; ANOKHINA, M.O., tekhn.red.

[Biology of seeded forage plants in Susamyr Valley of central
Tien Shan] Biologiya seiannykh kormovykh trav v urochishche
Susamyr Tsentral'nogo Tian'-Shania. Frunze, Akad.nauk Kir-
gizskoi SSR, 1959. 78 p. (MIRA 12:11)
(Susamyr--Forage plants)

ISAKOV, Koychu; VIKHODTSKY, I.V., prof., doktor biolog.nauk, red.;
BUTENKO, N.P., red.izd-va; ANOKHINA, M.G., tekhn.red.

[Vegetation of the Chongkemin Basin] Rastitel'nost' basseina
reki Chon-Kemin. Frunze, Izd-vo Akad.nauk Kirgizskoi SSR,
1959. 267 p. (MIRA 13:7)
(Chongkemin Valley--Botany)

NIKITINA, Ye.V.; AYDAROVA, R.A.; UBUKEYEVA, A.U.; VIKHODTSEV, I.V.,
otv.red.; SORONBAYEVA, N.V., red.isd-va; ANOKHINA, M.G., tekhn.red.

[Early spring plants of Kirghizistan; key for the identification
of plants of the agricultural zone] Rannavesennie rasteniia Kirgizii;
opredelitel' rastenii zemledel'cheskoi zony. Soost. E.V.Nikitina,
R.A.Aidarova i A.U.Ubekseva. Frunse, 1960. 111 p.

(MIRA 13:7)

1. Akademiya nauk Kirgizskoy SSR, Frunse. Institut botaniki.
(Kirghizistan--Botany)

VYKHODTSEV, I.V., dektor biol. nauk, prof., red.

[Collection of works on geobotany] Sbornik rabot po
geobotanike. Frunze, Izd-vo AN Kirg.SSR, 1964. 141 p.
(MIRA 17:8)

VYKHODTEF, N. A.

<p>PLANT I BOOK EXHIBITION 807/397</p> <p>Section-Scientific laboratory elaborative prior-to-revolutionary periodism</p> <p>Prilozheniya k izmeryeniya voln (Instrument Manufacture and Measurement Techniques) Moscow, Nauka, 1960. 682 p. Extra slip inserted. 3,000 copies printed.</p> <p>Bl.: A.B. Gerasimov, Doctor of Technical Sciences, Professor, Tech. Sci. A. Ia. Zhukovskiy, Candidate of Technical Sciences, Professor, Construction (Mashinostroyeniye) V.P. Polozovskiy, Engineer.</p> <p>REMARK: This collection of articles is intended for scientific and technical personnel in the instrument industry.</p>	
<p>CONTENTS: The 23 articles deal with the present state and the outlook for the development of instrument manufacture and measurement techniques. Six problems of design, construction, and manufacture of instruments are discussed in the first two sections. Emphasis is given to problems of automation and mechanization of production and to the application of new techniques in process control, ultra-sound, and optical sorting of metals. The third section deals with new measurement methods involving the use of ultrasonic and radio isotopes. Some theoretical aspects of metrology and measurement technique are also discussed in this section. In parentheses are mentioned references accompanying several of the articles.</p>	
<p>Travayev, S.P., Candidate of Technical Sciences. Effect of Directing on the Variation Moment of Ball Bearings Used in Dynamic Instruments</p>	77
<p>Travayev, S.P., Candidate of Technical Sciences. Estimating the Reliability of the Chain in Small-Mechanical Type Bearing Used in Aero Systems</p>	91
<p>Gerasimov, A.B., Candidate of Technical Sciences. Conditions for Improving the Stability of Mechatronic Instruments</p>	100
<p>Zukhovskiy, A.I., Candidate of Technical Sciences. Electrical Treatment of Mechanical Films and Their Application</p>	115
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<p>Gerasimov, A.B., Engineer. Application of Program Control to Instrument Manufacture</p>	139
<p>Gerasimov, A.B., Doctor of Technical Sciences, Professor, A.B. Duryagin, Candidate of Technical Sciences, and S.A. Koshlov, Candidate of Technical Sciences. Improving the Accuracy of Mechanisms on Auto-Matic Tables and Vibration Their Field of Application</p>	168
<p>Gerasimov, S.A., Candidate of Technical Sciences, V.P. Kolobov, Engineer, and E.A. Koshlov, Engineer. Methods of Reducing Labor Consumption in the Manufacture of Dies for Cold Pressing in Instrument Manufacture</p>	190
<p>Travayev, S.P., Engineer. Cold Pressing of Metals in Small-Scale Production</p>	201
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3550. COMBINE (MINING MACHINERY) KP-2M IN SHAFT 11. Vykhodtsev, N.M.
/ (Mekhanizatsiya Trud. i Tyazh. Rabot (Mechanization of Arduous Work),
May 1951, 19).

NIKOLIN, A.V.; BELOV, A.P., kapitan-nastavnik; VARLAMOV, I.S., kapitan-nastavnik; KOSMACHEV, I.K., kapitan-nastavnik; SARATOV, V.F., kapitan-nastavnik; SEMONIN, M.I., kapitan-nastavnik; BEKMAN, A.A., kapitan; DRUZHININ, A.V., kapitan; IVANINA, B.F., kapitan; POLETAYEV, L.A., kapitan; VESHCHILOV, K.A.; ~~VYKHODTSEV, P.K.~~; SMOLDYREV, A.Ye.; VERESHCHAGIN, Ya.A.; SUTYRIN, M.A.; SAVOSTIN, M.D.; FILYASOV, K.A.; GOLOVUSHKIN, M.P.; IVANOV, A.I.; FILYASOV, K.A., otv.za vypusk; ALEKSEYEV, V.I., red.izd-va; YERMAKOVA, T.T., tekhn.red.

[Rules of navigation on R.S.F.S.R. inland waterways] Pravila plavanija po vnutrennim vodnym putiam RSFSR. Vvedeny v deistvie s 1 marta 1959 g. prikazom ministra rechnogo flota no.28 ot 11 fevralia 1959 g. Moskva, Izd-vo "Rechnoi transport," 1959. 124 p. (MIRA 13:6)

1. Russia (1917- R.S.F.S.R.) Ministerstvo rechnogo flota. 2. Glavnyy revizor po bezopasnosti sudokhodstva (for Nikolin). 3. Nachal'niki basseynovykh sudokhodnykh inspeksiy (for Veshchilov, Vykhodtsev, Smoldyrev). 4. Rabotniki Upravleniya glavnogo revizora po bezopasnosti sudokhodstva (for Vereshchagin, Sutyryn, Savostin, Filyasov). 5. Glavnoye upravleniye vodnykh putey i gidrotekhnicheskikh sooruzheniy (for Golovushkin).

(Inland navigation--Laws and regulations)

VYKHODTSEV, Semen Vasil'yevich; BAKLANOV, G.I., red.; DZHAPARIDZE,
V.V., red.; PRIVEZENTSEVA, A.G., red.; PYATAKOVA, N.D.,
tekhn. red.

[Statistics of the petroleum industry] Statistika nefianoi
promyshlennosti. Moskva, Gosstatizdat 1962. 278 p.

(MIRA 16:4)

(Petroleum industry--Statistics)

VYKHODTSHEV, V.V.

In the department of communication and signaling, central control and block systems of the All-Union Central Scientific Research Institute. Avtom., telem. i svyaz' 2 no.2:42-44 P '58. (MIRA 11:1)

1. Rukovoditel' otdeleniya svyazi i signalizatsii, tsentral'zatsii, blokirovki Vsesoyuznogo tsentral'nogo nauchno-issledovatel'skogo instituta Ministerstva putey soobshcheniya.
(Railroads--Signaling)

VYKHODTSEV, V.V., inzh.; SHISHLYAKOV, A.V., kand.tekhn.nauk

Track and locomotive signaling in high-speed traffic. Zhel.-dor.transp.
45 no.12:40-43 D '63. (MIRA 17:2)

NIKOLIN, A.V., glav. revizor po bezopasnosti sudokhodstva, red.;
PIROZHKOV, N.I., kapitan-nastavnik, red.; POLETAYEV,
L.A., kapitan-nastavnik, red.; KOZIN, N.A., kapitan,
red.; KUZNETSOV, B.Yu, kapitan, red.; TARASOV, A.G.,
kapitan, red.; VYKHODTSEV, P.K., red.; PER-YAKOV, V.V.,
red.; SIDOROV, F.G., red.; SOLOV'YEV, V.B., red.;
SHIRINKIN, A.D., red.; SHCHEPETOV, I.A., red.; SMIRNOV,
F.A., red.; KOSTIN, V.F., red.; SAVOSTIN, N.D., red.;
FILIYASOV, K.A., red.; IVANOV, A.I., red.; LOBANOV, Ye.M.,
red.izd-va; REMNEVA, T.T., tekhn. red.

[Rules for the navigation on inland shipping routes of the
R.S.F.S.R.] Pravila plavanija po vnutrennim sudokhodnym
putiam RSFSR. Vvedeny v deistvie s 15 marta 1963. g. pri-
kazom ministra rechnogo flota No.33 ot 28 fevralia 1963. g.
Moskva, Izd-vo "Rechnoi transport," 1963. 98 p.

(MIRA 16:6)

1. Russia (1917- R.S.F.S.R.) Ministerstvo rechnogo flota.
(Inland navigation--Laws and regulations)

Uy K. H. D. 158 U. S. V.
11(4)

PHASE I BOOK EXPLOITATION SOV/2124

Mezhvuzovskoye soveshchaniye po voprosam novoy tekhniki v
neftyanoy promyshlennosti. Moscow, 1956

Razvedka i razrabotka neftyanykh i gazovykh mestorozhdeniy;
materialy soveshchaniya, tom. 1 (Prospecting and Development
of Oil and Gas Deposits; Papers of the Inter-V. Conference
on New Techniques in the Petroleum Industry, Vol 1) Mos-
cow, Gostoptekhizdat, 1958. 311 p. Errata slip inserted.
1,500 copies printed.

Eds.: I. M. Murav'yev, Professor, Doctor of Technical Sciences,
and V. N. Dakhnov, Professor, Doctor of Geological and Min-
eralogical Sciences; Editorial Board: K. F. Zhigach, Professor
(Resp. Ed.), I. M. Murav'yev, Professor, A. A. Tikhomirov,
Candidate of Economical Sciences, V. I. Yegorov, Candidate
of Economical Sciences, M. M. Charygin, Professor, F. F.
Dunayev, Professor, N. I. Chernozhukov, Professor, Ye. M.
Kuzmak, Professor, I. A. Charnyy, Professor, G. M. Pan-
chenkov, Professor, V. N. Dakhnov, Professor, Doctor of
Geological and Mineralogical Sciences, N. S. Nametkin, Doctor
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Prospecting and Development (Cont.)

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of Chemical Sciences, N. A. Almazov, Docent, V. N. Vinogradov, Candidate of Technical Sciences, V. I. Biryukov, Candidate of Technical Sciences, E. I. Tagiyev, and V. M. Gurevich; Executive Ed.: N. P. Dobrynina; Tech. Ed.: E. A. Mukhina.

PURPOSE: The book is intended for engineers and scientific personnel working in the petroleum industry and vtuzes. It may also serve as a textbook for advanced students of petroleum vtuzes.

COVERAGE: The book contains articles written by staff members of the Moscow, Groznyy, and Ufa Petroleum Institutes, the Kuybyshev and Azerbaydzhan Industrial Institutes, the UFNII (Ufa Scientific Research Institute), VNIIburneft' (All-Union Scientific Research Institute of Oil Drilling), KBNP (Design Office of Petroleum Instrument Making), the Bashneft Association (Bashkiriya Petroleum). These papers, read at the Mezhuzy (Inter-Vuz) Scientific Conference, deal with new techniques in the petroleum industry introduced since 1956. Emphasis is given to the importance of efficient drilling, geophysical prospecting,

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Prospecting and Development (Cont.)

SOV/2124

working of oil and gas deposits, and the use of new devices employed in oil and gas exploitation. There are 52 references: 44 Soviet, and 8 English.

TABLE OF CONTENTS:

Yevseyenko, M. A. [USSR Minister of the Petroleum Industry] Tasks Facing Oil Industry Workers in the Sixth Five Year Plan 3

The author reviews progress made in the petroleum industry, emphasizing the importance of the developments which were reported at the conference of representatives of the Moscow Petroleum Institute. The goals set for 1960, the last year of the Sixth Five-Year Plan, are indicated.

Kuvykin, S. I. [Chief, Bashneft Association] The Efficiency of the Exploration of the Bashkir Oil Deposits is Raised By Speed Drilling of Small Diameter Boreholes 27

The author refers to large scale structural exploration drilling introduced in Western Bashkiriya in 1948 to discover new petroliferous areas and study deeper horizons.

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Vykhodtsev, S. V. [Moscow Petroleum Institute]. Methods of Appraising Labor Productivity in Oil Well Drilling

37

The author discusses the two basic methods for estimating labor productivity: 1) according to natural output, and 2) according to production costs. He rejects the latter method as unsuited for drilling, since drilling involves indefinite periods of time. He reviews other methods for estimating labor productivity, for which he considers two conditions essential: 1) proper understanding of the produced item, and 2) understanding of labor expenditure in standard units of time. The basic elements in well drilling are production casing, erection of derricks, and installation of drilling equipment. These operations can, in his opinion, be easily estimated according to a) footage drilled, b) the erection and hauling of derricks, c) the erection and dismantling of rigs. He produces a table listing the output of a derrick-erecting crew at the 'Tuymazyburneft' (Tuymazy Oil Drilling) Trust, and states that the assembling of drilling equipment can be estimated in a similar manner. Finally he cites the records attained by drilling enterprises during the Fourth and Fifth Five-Year Plan periods and notes that labor productivity of drill-

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SOV/2124

ing crews rose 2.17% in 10 years. He further stated that labor output in turbine drilling had been higher than in rotary drilling. It had also been higher in production drilling than in exploration drilling. He notes that growth in labor output was much more rapid in new areas than in old regions. Output had increased 30% during the Fourth Five-Year Plan period and 48% during the Fifth Five-Year Plan.

Shatsov, N. I. [Moscow Petroleum Institute]. Efficient Use of Bits

49

The author asserts that a basic factor in drilling is the performance of the bit at the bottom-hole. The better its performance, the faster, easier and less costly is the drilling of a well, and the fewer breakdowns. A table indicates the time spent in drilling for the USSR as a whole, and for the Bashkiriya and Tatariya Associations. It also gives 1954 data for the United States.

Kagarmanov, N. F. [Ufa Petroleum Scientific Research Institute]. Ways of Increasing the Performance of Standard Bits

81

The author states that actual data on the performance of
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serially-produced bits vary considerably even in horizons of the same type and disagrees with the prevailing opinion that they depend upon the nature of the rocks. He notes the 1955 analysis conducted by UfNII at the Tuymazy Oil Drilling Trust on the per bit footage of 15,000 standard bits. Tables gave data for each horizon and indicated the output of pumps and loading of bits. The result of the tests suggested the use of the following indicators for determining the time when the bit was raised from the bottom-hole in every horizon: 1) penetration per bit; 2) time of the efficient use of a bit at the bottom-hole; 3) final mechanical drilling speed per bit tip. The author cites foreign data (C. E. Williams and G. H. Burns) indicating that the flushing operation may be reduced by other means, such as by rotating the drill pipe during flushing. He considers the power and momentum of the turbo-drill particularly important since smooth delivery depends upon it.

Zhigach, K. F., L. K. Mukhin, V. N. Demishev, and N. N. Goncharov
[Moscow Petroleum Institute]. Petroleum-Base Drilling Fluids 92
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The authors state that petroleum-base drilling fluids are being used to open productive horizons to maintain the penetration rate at the bottom-hole zone, and to increase the well output. The use of petroleum-base drilling fluids is particularly efficient for opening formations with high permeability and low pressure, where the absorption of a large amount of mud by the productive formation may prove dangerous. Petroleum-base drilling fluids also prove useful in opening formations with low permeability, particularly where the formation contains swelling clay. Petroleum-base drilling fluids produce good results in drilling under complex geological conditions and in drilling deep and directional wells.

Zhigach, K. F., L. K. Mukhin, and V. N. Demishev [Moscow Petroleum Institute]. Specification of Petroleum-Base Drilling Fluids 101

The authors describe the formula of petroleum-base drilling fluids developed at the laboratories of the MNI imeni Gubkina (Moscow Petroleum Institute im. Gubkin) and VNIIBurneft' (All-Union Scientific Research Institute for Petroleum Drilling), and also cites foreign formulae and methods for controlling

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parameters during the operation.

Zhigach, K. F., and K. F. Paus. Drilling Mud for Opening up Productive Formations 112

The authors state that drilling mud had been used almost exclusively for many years. The development of new techniques called, however, for the use of drilling fluids that would speed up and allow drilling under difficult geological conditions, deeper penetration without reducing the penetrability at the bottom-hole. Drill practices in eastern regions and experimental surveys established that rocks are better crushed when drilling fluids or gases with low specific gravity and viscosity are used. In eastern fields, water is being substituted for clayey fluids and may soon be replaced in drilling by air and gas.

Zhigach, K. F., and S. Z. Zaripov. Use of Powdery Clay in Drilling 118

The authors report on recent tests made in the production of powdery clay and its application in drilling. They refer specifically to the production of powdery clay from Bashkiriya and Tatariya clay, manufactured at local plants.

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Dakhnov, V. N. [Moscow Petroleum Institute]. Geophysical Methods for Studying Reservoir Properties and Oil Saturation of Rocks 125

The author stresses the need for more thorough prospecting of carbonaceous profiles previously neglected. The industrial importance of carbonaceous profiles of Bashkirskaya SSR may be judged by the results of extensive prospecting and geophysical studies of the Devonian horizons undertaken in the last 10 years. They confirmed the presence of oil and gas-bearing horizons in other strata.

Latyshova, M. G., and V. M. Dobrynin, [Moscow Petroleum Institute]. Method of Potentials of Induced Polarization and Its Importance in the Study of Oil and Gas Wells 150

The authors stress the importance of studying the reservoir properties of productive horizons on the basis of geophysical data, without coring. Of particular interest is the method of induced polarization developed in the past few years by members of the MNI chair in industrial geophysics: it determines the specific surface and permeability of sandy reservoirs. The method of induced polarization, actually proposed long ago, remained purely academic because the phenomena of induced polar-

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ization had originally been misinterpreted. The method was later used extensively in modified form in the coal industry, and helped in establishing the presence of coal layers. Systematic studies of this method were initiated in 1948 by the MNI chair of industrial geophysics. Laboratory tests established that induced polarization of rocks may, under specific conditions, reach considerable dimensions. The studies revealed another alternative on the nature of induced polarization of porous rocks. The principal cause of the emission of potentials induced by polarization in porous rocks, when saturated with an electrolyte solution, is the deformation of the dual electrical layer present on the surface of rock grain in the polarized electrical field.

Conclusions:

1. Induced polarization assists in making a fractional breakdown of well cuts and classifies reservoirs of the lowest, medium and highest permeability; it also distinguishes clays of greater and lesser degrees of sandy content.
2. Induced polarization allows an appraisal of the degree

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of permeability of sandy reservoirs in situations, placing it thereby among the most interesting methods of geophysical studies of oil and gas wells.

Ryabinkin, L. A. [Moscow Petroleum Institute]. Revision of the RNP Seismic Method and the Grouping Methods 159

The author describes the seismic RNP method recently developed at the Institute's seismic laboratory with the aid of the VNII (All-Union Research Institute) of Geophysics and passed on to the petroleum industry. He mentions the results obtained in field and laboratory testing while using a basic modification of the RNP method.

Abdullayev, R. A. [Azerbaydzhan Industrial Institute]. Precise and Approximate Methods for Interpretation of Travel-Time Curves of Reflected Waves 178

The author records several approximate and precise analytical and graphic methods for determining effective speeds with the use of travel-time curves of reflected waves.

Datskevich, A. A. [KENP - Design Office for Petroleum Instrument Making] Equipment of Automatic-Geophysical Field Stations 196
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The author states that his KBNP office cooperates with the design offices of the Neftepribor (Petroleum Instrument), Geofizika (Geophysics), and the Mytishchinskiy Instrument-Making Plants in manufacturing the largest amount of new industrial geophysical equipment in the petroleum industry. Because of the large demand by the industry, the volume produced by the KBNP office was inadequate and production was doubled in 1957. The KBNP has an experimental plant, a model shop, and laboratories.

Dakhnov, V. N., and A. I. Kholin [Moscow Petroleum Institute]. On the Problem of Quantitative Evaluation of Residual Oil Saturation of a Reservoir Carried Out by Radioactive Methods 209

The authors state that the determination of the type of liquid saturating the formation reservoir encased in the well presents one of the major problems for advancing the technology of petroleum exploration. Constant observation of the movements and changes in water-oil contact in all wells is essential, and the radiometric method, developed between 1953 and 1955 at Laboratory Nr 1 of the MNI (Moscow Petroleum Institute), which helps determine the type of liquid saturating the formation, answers the purpose.

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Barsukov, O. A. [Moscow Petroleum Institute]. Some Theoretical Problems on Neutron Methods for Separating Oil-bearing Formations From Water-bearing Formations 218

The author refers to the experiments conducted at the MNI and other organizations which contributed to the development of methods to separate oil-bearing from water-bearing formations; he describes several physical processes that take place during neutron study methods and presents pertinent evaluating calculations.

Charnyy, I. A. [Moscow Petroleum Institute]. One of the Integral Equations of the Filtration Theory and Some of its Applications 230

The author gives a detailed description and graphic calculations of an integral equation of the filtration theory.

Belash, P. M. [Moscow Petroleum Institute]. On Equations Used for Determining Yields 248

The author shows the connection between differential equations of filtration and the equations of yields.

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Pykhachev, G. B. [Groznyy Petroleum Institute]. Determining Pressure of an Oil-bearing Formation Having a Low Gas Saturation

257

The author reviews filtration in mixed liquid and gas phase formations and submits equations.

Bagdasarov, S. Kh. [Kuybyshev Industrial Institute]. The Role and Significance of A Hydraulic Seal in Exploitation of Oil Deposits

266

The author is opposed to the exploitation of new deposits with dissolved gas in petroleum production under prevailing techniques during the initial period, particularly when it is intended to correct the condition by secondary methods. This system has been responsible for depleting many old petroleum deposits. (Baku, Groznyy, Krasnodar, etc.).

Isakovich, R. Ya. [Design Office of Petroleum Equipment]. Control and Measuring Devices Used in Petroleum Production

281

The author cites data on new equipment designed for research and control and measuring instruments used in working oil deposits. Equipment developed by the KBNP may be divided into
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the following groups: 1) equipment for the study of petroleum reservoirs; 2) equipment for the study of petroleum properties under formation conditions; 3) control-measuring devices and equipment for depth measurements. The article also refers briefly to work on automatization, remote control, and the management of processes of petroleum production.

Ivanov, M. M. [Ufa Petroleum Scientific Research Institute].
New UfNII Instruments for Studying Deep Wells.

296

The author lists new models of UfNII-designed depth instruments. Between 1954 and November 1955 work was performed with the aid of DGM-4 differential manometers in studying well interference and the precise location of the interrelation of Devonian formations at the Tuymazy oil deposits. These studies led to important conclusions on the structure of oil formations D₁ and D₂ in the Tuymazy area and confirmed the existence of hydraulic contact between the two formations. A depth piezograph, produced at the UfNII Institute is now undergoing industrial tests.

Alizade, G. A., Yu. V. Grachev, A. M. Melik-Shakhnazarov, and
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- M. Ye. Fridman [Azerbaydzhan Industrial Institute]. Telemetering
Parameters of Deep Oil Wells 304
The authors discuss the importance of depth studies (in drilling and working oil wells). The Azerbaydzhan Institute studies and designs devices for the continuous automatic telemetering of parameters of deep wells. The article describes several experimental models of these devices.

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VYKHODTSEV, V.V., nachal'nik.

Train radio communications. Nauka i zhizn' 20 no.10:36 0 '53. (MLRA 6:10)

1. Otdel svyazi Vsesoyuznogo nauchno-issledovatel'skogo instituta zheleznodorozhnogo transporta. (Railroads--Electronic equipment)

MAYSHEV, P.V.; ZHIL'TSOV, P.N.; VYKHODTSEV, Y.Y.; KOTLYARENKO, M.P.;
BRYLKYEV, A.M.; KUT'IN, I.M.; NEUDASOV, N.M.

Seventy-fifth anniversary of the birth of Professor Nikolai Usipovich
Roginskii. Avtom., telem. i sviaz' 2 no.3:34 Mr '58.

(MIRA 13:1)

(Roginskii, Nikolai, Usipovich 1883-)

VYKHODTSER, V.V., inzh.

Prospects for developing automatic control, remote control, and
communications on railroads. Zhel.dor.transp. 40 no.10:9-12
0 '58. (MIRA 11:12)

(Railroads--Signaling)

VYKHODTSEVA, V.

The most important thing. Zhil.-kom. khoz. 11 no.10:14-15 0
'61. (MIRA 15:1)

1. Predsedatel' kul'turnoy komissii domovogo komiteta ZhEK No.3
Leninskogo rayona Moskvyy.
(Moscow--Children's clubs)

SUKHOMLINOV, M.M.; VYKHOVANETS, V.I.

Converting decimal integers into binary integers and binary
fractions into decimal fractions. Mat. mod. i elek. tsepi no.1:
238-245 '63. (MIRA 16:11)

SUKHOMLINOV, Maksim Maksimovich, kand. tekhn. nauk; VYKHOVANEYS,
Vitaliy Ivanovich, inzh.; KATKOV, F.A., doktor tekhn.
nauk, retsenzent; DIDYK, B.S., inzh., retsenzent;
IVAKHNENKO, A.G., red.

[Number code converters] Preobrazovateli kodov chisel.
Kiev, Tekhnika, 1965. 135 p. (MIRA 18:4)

1. Chlen-korrespondent AN Ukr.SSR (for Ivakhnenko).

VYKHODTSEVA, T.

Using hydropneumatic methods in cleaning water pipes. Zhil.-
kom.khoz. 9 no.12:11-12 '59. (MIRA 13:4)

1. Nachal'nik tsakha vodosnabsheniya tresta "Orgvodokanal".
(Water pipes--Cleaning)

BLUVSHTEYN, Moisey Menashovich; BABENKOV, Yevgeniy Dmitriyevich;
VYKHODTSEVA, T.A., red.

[Starting and repairing the purification equipment of
water supply lines] Pusk i naladka ochistnykh sooruzhenii
vodoprovoda. Moskva, "Stroiizdat," 1964. 138 p.
(MIRA 17:6)

SUKHOMLINOV, Maksim Maksimovich; VYKHOVANETS, V.I.

[Number code converters] Preobrazovateli kodov chisla. Kiev,
Izd-vo Tekhnika, 1965. 135 p. (MIRA 18:10)

VYKHOVANETS, V.V.; LIPOVICH, V.G.; KNUTOV, V.I.; CHENETS, V.V.; BLYUM, O.I.;
KALECHITS, I.V.

Syntheses of methylcyclohexanes labeled with carbon- C^{14} in
positions 1,2,3,4, and 7. Zhur.VKHO 10 no.4:465-466 '65.
(MIRA 18:11)

1. Institut nefte- i uglekhimicheskogo sinteza.

VYKHOVANETS, V.V.; CHENETS, V.V.; KNUTOV, V.I.; KALECHITS, I.V.

Methods of the determination of the mark position in six-membered rings. Izv. vys. ucheb. zav.; khim. i khim. tekhn. (MIRA 18:10)
8 no.3:432-434 '65.

1. Irkutskiy gosudarstvennyy universitet imeni Zhdanova, kafedra organicheskoy khimii.

VYKHRESTENKO, V., gvardii starshiy leytenant

There are opportunities for creative activities. Av.1 kosm. 45
no.4:59-62 Ap '63. (MIRA 16:3)
(Air warfare)

VYKHOVSKAYA, A.O.

Principles and dynamics of oscillography in peripheral vascular diseases. Khirurgiia 40 no.5:100-103 My '64. (MIRA 18:2)

1. Klinika obshchei khirurgii pediatricheskogo fakul'teta (dir.-zasluzhennyy deyatel' nauki prof. G.P. Zaytsev) II Moskovskogo meditsinskogo instituta imeni Pirogova i Kaliningradskoy klinicheskoy bol'nitsy (glavnyy vrach P.M. Isakhanov).

KALECHITS, I.V.; LIPOVICH, V.G.; VYKHOVANETS, V.V.

Studying the mechanism of the destructive hydrogenation of benzene
with the aid of tagged atoms. Dokl.AN SSSR 138 no.2:381-383 My
'61. (MIRA 14:5)

1. Vostochno-Sibirskiy filial Akademii nauk SSSR. Predstavleno
akademikom A.A.Balandinym.
(Radioactive tracers) (Hydrogenation) (Benzene)

33493

S/195/61/002/005/018/027
E030/E485

11.0132

AUTHORS: Kalechits, I.V., Lipovich, V.G., Vykhovanets, V.V.,
Petrova, V.N.

TITLE: Isotopic investigation on the mechanism of benzol,
cyclohexane and methylcyclopentane conversions in
destructive hydrogenation

PERIODICAL: Kinetika i kataliz, v.2, no.5, 1961, 748-753

TEXT: Destructive hydrogenation has been studied at 420°C and 350 atm on a WS₂ industrial high-temperature catalyst in order to elucidate the sequence and relationship between isomerization and fragmentation, the literature data on this subject being contradictory. The feedstocks chosen were either mixtures of benzol and cyclohexane or of these plus methylcyclopentane or of cyclohexane and methylcyclopentane; one of these compounds was marked by C¹⁴ in each experiment. The catalyst of 2 to 3 mm pellets had been heated with the feed in a 2-litre autoclave; the time of reaction occupied about 30 to 40 minutes of the whole heating time, which took about 150 to 160 min from 350°C. Preliminary experiments with unmarked material gave the correct conditions for

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E030/E485

Isotopic investigation on ...

the conversions required. After cooling, the hydrogenate was separated from the benzol by chromatography and then distilled on a 60-plate column. Both the yields and activities of catalysate were measured. In all experiments, there was a good linear relation between the activity of the fragmentation products and the methylcyclopentane yield; this indicates that hydrogenation proceeds faster than either isomerization or fragmentation. To show which of the two latter processes were more important, six experiments were carried out with no methylcyclopentane in the feedstock. It was found that the activity of the total end-products approximated to that of the methylcyclopentane yield. In three experiments where marked cyclohexane was used in the feed, there was less correlation with the cyclohexane ratio. The activity therefore arises, either from methylcyclopentane or from end-products with a yield proportional to that of methylcyclopentane, and the distribution of activity versus yields favours the former. It is suggested that since methylcyclopentane is formed directly from cyclohexane and from benzol without description, that the catalyst does not contain two types of active centre (metallic and

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S/195/61/002/005/018/027
E030/E435

Isotopic investigation on ...

acidic) but only one, and the molecules move over several sites. The reactions of hydrogenation and the reverse reactions are therefore best described, not in terms of rupture of the benzol nucleus but in terms of a complex formation, involving proton-transfer from the π -complex of the ring. There are 1 figure, 2 tables and 10 references: 8 Soviet-bloc and 2 non-Soviet-bloc. The references to English language publications read as follows: Ref.9: F.G.Ciapetta, R.M.Dobres, R.W.Baker. Catalysis, ed. P.H.Emmett, v.6, 1958, 495; Ref.10: F.E.Condon, Catalysis, ed. P.H.Emmett, v.6, 1958, 118.

ASSOCIATION: Institut nefte- i uglekhimicheskogo sinteza
SO AN SSSR Irkutsk (Institute of Petrochemical and
Organic Synthesis SO AS USSR, Irkutsk)

Card 3/3

KALECHINS, I.V.; LIPOVICH, V.G.; VYKHOVANETS, V.V.

Mechanism of the destructive hydrogenation of benzene studied
by means of tagged atoms. Trudy Vost.-Sib.fil.FN SSSR no.38:5-14,
'61. (MIRA 15:4)
(Benzene) (Hydrogenation) (Carbon--Isotopes)

1.2310 1140, 1138, 1573, 2708

26184
S/125/RI/000/009/008/014
D040/D:13

AUTHORS: Lakomskiy, V.I.; Vykhrestyuk, N.I.

TITLE: A method of spot gas analysis in welded joints

PERIODICAL: Avtomaticheskaya svarka, no. 9, 1961, 41-46

TEXT: A new gas analysis method is described by which gas content is determined in spots 0.5-1.0 mm in diameter melted by electron beam. It is based on electron bombardment in vacuum, used since 1958 in metal remelting and welding techniques (Ref.4: H.R.Smith, C.d'A.Hum, C.W.Hanke, Electron Bombardment Melting, Pergamon Press, 164, 1959; Ref.5: H.W.erttgen und W. Schlösser, "Zeitschrift für Technik, Industrie und Handel", 5, 196, 1960). The method principle is as follows: a specimen of maximum 30 by 10 by 10 mm size has to be ground and the spot to be analysed has to be polished flat; the specimen is placed into a vacuum chamber, and the polished spot on it melted by a focused electron beam during a fraction of a second. Gas liberating from the liquid metal pool flows into a mass spectrometer chamber for analysis. The duration of the electron beam pulse has to be controlled by

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26484

S/125/61/100/009/008/014

DO40/D11.5

A method of spot gas analysis

a precision time relay. The electron beam tube (Fig.1) of the new unit has a focusing system of Pirs design (Ref.6: Dzh.Pirs, Teoriya i raschet elektronnykh puchkov /The theory and calculation of electron beams/, M., 1956). The shape of the electrodes and the focusing method are adopted from other Soviet sources describing X-ray apparatus for structural analysis (I.Ye.Dudavskiy, and F.I.Chuprinin, "Zavodskaya laboratoriya", no.6, 1950). The cathode and anode electrodes are cones with opening angles of 135° and 140°. The cathode consists of a spiral of three turns of tungsten wire 0.3 mm in diameter. The optimum focus is produced when the apertures in the cathode and anode are 2 and 4 mm in diameter respectively. The cathode is placed in the electrode cone apex. The beam diameter is 0.15 to 0.3 mm at 60 mm distance from the anode when the beam current is 5-10 ma and the anode voltage 15-20 kv. The metal specimen is placed on a plate (5) (Fig.1), and the end of the rod under the plate is immersed into liquid nitrogen in a Dewar vessel to chill the specimen in the vacuum to -150°C. The article includes a brief description of gun design details and of the mass spectrometer analysis. A skeleton diagram of the analysis system is given. The content of hydrogen, nitrogen and oxygen can be determined in various

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26484.

S/125/61/000/009/008/014
D040/D113

A method of spot gas analysis

metals, but not all three of these gases in any metal, e.g. hydrogen only can be determined in titanium. The determination accuracy is high. The method is said to be suitable for studying the behaviour of gases in welding metals, the effect of gas content on intergranular brittleness, and in the development of methods for degassing metals. There are 5 figures and 10 references: 6 Soviet and 4 non-Soviet bloc. The two references to English language publications read as follows: E.G.Bobalok and S.A.Shrader, Determination of Hydrogen, Carbon and Nitrogen in Magnesium Alloys, Industrial and Engineering Chemistry, Analytical Edition, v.17, no.9, 1945; H.R.Smith, C. d'A. Hunt, C.W.Hanks, Electron Bombardment Melting, Pergamon Press, 1959.

ASSOCIATION: Ordena Trudovogo Krasnogo Znameni Institut elektrosvarki im. Ye.O.Patona AN USSR (Electric Welding Institute "Order of the Red Banner of Labor", im. Ye.O.Paton, AN UkrSSR)

SUBMITTED: March 22, 1961

Card 3/4

VIKHRESTYUK, N.I., kand. khim. nauk; LIZOGUB, A.P., kand. khim. nauk

Mass-spectrometric analysis of the casing-head gases of certain
oil fields in the Ukrainian S.S.R. Neft. i gaz. prom. no.2:50-52
Ap-Je '63. (MIRA 17:11)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut
ugol'noy, rudnoy, neftyanoy i gazovoy promyshlennosti Ukr.SSR.

1. BEDEL', V. K.; VYKHUKHOLEV, V. F.; IGNATENKO, Yu. F.
 2. USSR (600)
 4. Peredel'skiy, K. V.
 7. Improving the quality of technical literature ("Casting non-ferrous alloys in metal forms." K. V. Peredel'skiy. Reviewed by V. K. Bedel', V. F. Vykhukholev, Yu. F. Ignatenko). Lit. proizv. No. 4, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

I 9487-66 EWT(m)/EWT(m)/EWP(v)/EWP(t)/EWP(k)/EWP(h)/EWP(l)/EWA(h)/INF(b) JD
ACC NR: AP5026775 SOURCE CODE: UR/0286/65/000/017/C061/0061

INVENTOR: Vykhukholev, V. F.; Glazyrin, V. N.; Il'in, A. T.; Kozlov, I. I.;
Yakushin, I. A.; Davlatkhonov, R. B.

ORG: none

TITLE: Book-fold casting machine for thin-walled large parts. Class 31, No. 174340

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 17, 1965, 61

TOPIC TAGS: casting, book fold casting, thin wall part, large part, part casting

ABSTRACT: This Author Certificate introduces a machine for book-fold casting of large thin-walled parts. The machine (see Fig. 1) contains two movable molds mounted on a frame, forming the upper part of the liquid metal container. To regulate the

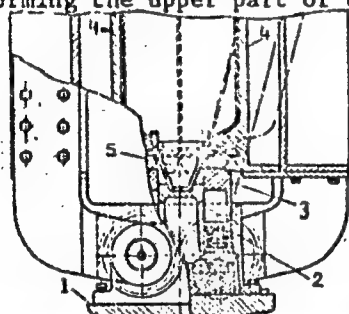


Fig. 1. Casting machine

1 - Welded frame; 2 - interchangeable base;
3 - supports; 4 - mold; 5 - container.

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UDC: 621.74.043.2

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ACC NR: AP5026775

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volume of the container, the machine is provided with an interchangeable base mounted on the frame and supports which form the bottom of the container. To ensure a close fitting of supports with molds, the supports are pressed against the mold by springs and the upper part of the supports has a configuration ensuring close contact with the molds during mold rotation. Orig. art. has: 1 figure. [AZ]

SUB CODE: 13/ SUBM DATE: 26Dec63/ ATD PRESS: 4164

lck
Card 2/2

L 22732-66 EWT(d)/EWT(m)/EWP(v)/EWP(t)/EWP(k)/EWP(h)/EWP(i)/EWA(h) JD
 ACC NR: AP6002900 SOURCE CODE: UR/0286/65/000/024/0063/0064

AUTHORS: Yamshchikov, S. V.; Vykhukholev, V. F.; Musiyachenko, A. S.; Osipov, V. Ya.; Kuznetsov, L. M.; Sempura, P. M.; Stebakov, Ye. S.

ORG: none

TITLE: Method for casting thin-walled parts. Class 31, No. 177050

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 24, 1965, 63-64

TOPIC TAGS: metal casting, pressure casting

ABSTRACT: This Author Certificate presents a method for casting thin-walled parts in an apparatus consisting of two chambers (for the mold and pouring crucible) in which the filling of the mold with metal takes place due to the pressure difference between the chambers (see Fig. 1). To increase the quality of the parts, the mold chamber is raised to above-atmospheric pressure during metal pouring, while the crucible chamber is pressurized above the pressure of the mold chamber.

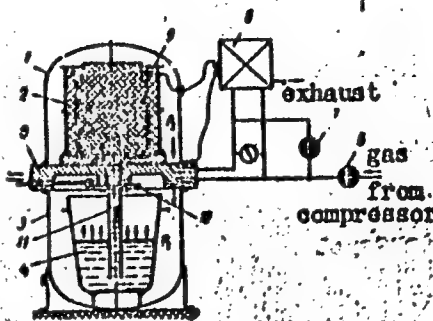
Card 1/2

UDC: 621.746.043.3

L 22732-66

ACC NR: AP6002900

Fig. 1. 1 - Chamber; 2 - mold;
3 - chamber; 4 - crucible;
5 - base; 6 and 7 - valves;
8 - automatic controller;
9 - transducer; 10 - cut-off;
11 - metal guide.



Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: 09Feb63

Card 2/2

VYK. VYDALOVA, ZDENKA

CZECHOSLOVAKIA/Human and Animal Physiology - Blood.

Abs Jour : Ref Zhur - Biol., No 2, 1958, 8473

Author : Vaclav Rukl and Zdenka Vykydalova

Inst : -

Title : Observations on the Problem of the Detection and Evaluation of Heinz Bodies.

Orig Pub : Pracovni lekar, 1956, 8, No 1, 41-42

Abstract : Large quantities of phenylhydrazine were absorbed through the injured skin of 6 workers of a chemical factory with severe burns. A considerable amount of erythrocytes with Heinz bodies appeared in the peripheral blood. After 6 days Heinz bodies were not detected. The decrease in the number of Heinz bodies was accompanied by an increase in the number of reticulocytes. Heinz bodies were not found among patients with severe burns who were not subjected to the effect of phenylhydrazine. The detection of Heinz bodies is of diagnostic significance.

Card 1/1

BULGARIA/Cultivated Plants. Grains.

M

Abs Jour: Ref Zhur-Biol., No 5, 1958, 20279.

Author : D. Vylchanov, S. Dimitrov, I. Dobрева-Vylchanova,
G. Khristov.

Inst : Not given.

Title : The Effect of Cutting the Panicles of Corn on the
Yield.
(Vliyaniye obrezki metelok kukuruzy na urozhay).

Orig Pub: Selskostop. mis"1, 1956, 1, No 8, 471-474.

Abstract: To replenish lacks in coarse fodder in Southern
Bulgaria, corn panicles are cut at the height of
the attachment of the cob during the phase of milky
ripeness. Tests conducted under production condi-
tions showed that this method lowers the grain
yield not less than by 8%.

Card : 1/1

POPIVANOV, R.P.; VYLCHANOV, V.Kh.

Organ antigens in human spermatozoa. Biul. eksp. biol. i med.
59 no.2:110-114 F '65. (MIRA 18:7)

1. Kafedra obshchey biologii (zav. - prof. R.P. Popivanov)
Vysshego meditsinskogo instituta i Institut mikrobiologii
(dir. - chlen-korrespondent Bolgarskoy akademii nauk Al.
Toshkov) Bolgarskoy akademii nauk, Sofiya.

POPIVANOV, R.; VYLCHANOV, V.Kh.

Dynamics of experimental immune spermophagocytosis. Zhur.
mikrobiol., epid. i immun. 33 no.2:68-70 F '62. (MIRA 15:3)

1. Iz Meditsinskogo instituta i Instituta biologii imeni M.
Popova Bolgarskoy AN, Sofiya.
(SPERMATOZOA) (PHAGOCYTOSIS) (IMMUNITY)